Test Case Master Information

General Information

Product:	Protégé
Release:	1.2.2
Test Area:	Protégé
Test Case Owner:	Steve Hunter, Maleh Hernandez
Setup Information:	
Reference Documents:	

System Test Platform Information

Primary Platform:		QA Server
Second Platform:		Local Configuration
Third Platform:		Staging Server

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pri/Req	Purpose	PreRequisite	Procedure	Expected Results	QA Server Integ/Sys test Req/pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By
12781	1.2.2.05	Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Two or more sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name and a second session with your own user name (e.g. Maleh)	*select NCIWorkflow tab in all sessions *In the session running under _test_administrator, delete 'CREATED', 'SUGGESTED' or 'COMPLETED' items corresponding to the current second user (e.g. Maleh)	The second user's screen is refreshed and shows an updated version on the workflow table (e.g. Maleh has a fewer items assigned)	Y F			I was able to delete a 'Rejected' item			Maleh Hernandez
12781		Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon items assigned to users	Three sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name. A a second session and third sessions under other users (e.g. Maleh Hernandez with manager privileges and Chris Callender with modeler privileges)	*select NCIWorkflow tab in all sessions *In the session running under _test_administrator, assign items to the current second and third users (e.g. Maleh and Chris)	Items are assigned to second and third users. Items newly assigned are displayed in the corresponding user screen. Users with 'Modeler' privileges can see just his/her own assigned items. Users with 'Administrative' privileges can see all items.	Y P			Items are successfully being refreshed in users. Items are displayed in	Protege.Client-1.2.2.10		
12781		Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Three sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name. A a second session and third sessions under other users (e.g. Maleh Hernandez with manager privileges and Chris Callender with modeler privileges)	*Select NCIWorkflow tab in all sessions *In any of the three sessions, select an item *Right click on the selected item to bring the shortcut menu *Select 'Modify Assignment' *Add a new note	The recently added note is displayed in the screen of the corresponding users. For example, a note added by a modeler is displayed for all users with administrative privileges. A note added by a user with administrative privileges is seen for all users with administrative privileges.	Y P			Changes are displayed as ex	Protege.Client-1.2.2.10		
8679	1.2.2.02	Annotation properties: enumerated range can't be defined (string)	Properties tab	3	Ensure enumerated ranges can be defined		*In any of the three sessions, select an item	users. Items are displayed in the corresponding user screen.	Y P				Protege.Client-1.2.2.10		Maleh Hernandez
12781	1.2.2.04	Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Two or more sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name and a second session with your own user name (Maleh)	*Right click on the selected item to bring the shortcut menu	The second user's screen is refreshed and shows an updated version on the workflow table (e.g. Maleh has a new item assigned)	Y P				Protege.Client-1.2.2.10		Maleh Hernandez
12781	1.2.2.07	Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Two or more sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name and a second session with your own user name (Maleh)	*Add a new note	The _test_administrator screen is refreshed and shows an updated version on the workflow table (e.g. Maleh's item has a new note added)	Y P						Maleh Hernandez
12781	1.2.2.09	Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Two or more sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name and a second session with your own user name (Maleh)	*Select NCIWorkflow tab in all sessions *In the session running under modeler's permission (e.g. Maleh), right click on an 'ASSIGNED' workflow item, select "Accept Assignment"	The _test_administrator screen is refreshed and shows an updated version on the workflow table (e.g. Maleh's item has a "Accepted" status)	Y P						Maleh Hernandez
8634	1.2.2.01	Error when input and ampersand or less than character	Main GUI	4	Ensure & and < and other special characters are not valid entries for class names, complex properties, definitions etc		* Select a class from the tree * Select the Edit→Basic Data tab * Click "Add Full Synonym button" * In the term-name field, type an ampersand or a less-than sign * Click OK * Click Save button	* '&', '<' are not accepted as valid class names, complex properties etc * No error is reported in the console * User is told the characters that are not allowed * User is given opportunity to edit inputs to correct the problem			This item was not				
12780	1.2.2.03	Add a new status of 'Rejected' as part of the workflow	NCIWorkflow tab	3	Ensure that workflow items currently rejected are displayed as 'REJECTED' under status column		*select NCIWorkflow tab (row in the workflow table) with *select a workflow item (row in the workflow table) with "Accepted" status *right click on the selected workflow item *select "Edit Concept" *Click "Reject" button *Input a note in the "New Notes" section, click OK *select again the NCIWorkflow tab (verify status changed to Rejected) * log back in as a manager (verify status changed to Rejected)	* The Status changed to "Rejected" as both modeler and manager * Modeler can no longer modify the assignment	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12780	1.2.2.03a	Add a new status of 'Rejected' as part of the workflow	NCIWorkflow tab	2	Ensure Cancel of rejection of workflow assignment stops the rejection process		*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Accepted" status *right click on the selected workflow item *select "Edit Concept" *Click "Reject" button *Input a note in the "New Notes" section, click Cancel * Select the NCI Workflow Tab	* Status does not change * Modeler is still able to modify the assignment	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12781	1.2.2.08	Refreshing assignment information when multiple Protege sessions are running	NCIWorkflow tab	3	Ensure that the workflow table is refreshed upon changes on other sessions	Two or more sessions at the same time. At least one user has workflow manager privileges e.g. one session with _test_administrator user name and a second session with your own user name (Maleh)	*Select NCIWorkflow tab is all sessions *In the session running under modeler's permission (e.g. Maleh), right click on an UPDATED' workflow item, select "Complete Assignment"	The _test_administrator screen is refreshed and shows an updated version on the workflow table (e.g. Maleh's item has a "COMPLETED" status)	Y P			The STATUS of the item is a	Protege.Client-1.2.2.10		
12795	1.2.2.10	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure modifying an modeler's note of an assignment changes the status to 'UPDATED'	Workflow table contains items under ACCEPTED status	*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Assigned" status *Right Click on the selected workflow item *Choose "Edit Concept" *Click 'Notes' button *Enter a text in the New Notes' section, click OK * Select the NCI Workflow Tab	* Status of the assignment has changed to "Updated" * Manager sees status change to update * Manager is unable to re-assign the assignment	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.11	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure status is changed to "ACCEPTED"		*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Assigned" status *right click on the selected workflow item *select "Accept Assignment"	* Status is changed to "Accepted" * Manager sees status change to update * Manager is unable to re-assign the assignment	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.12	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure status is changed to "COMPLETED"		*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Updated", "Accepted" *right click on the selected workflow item *select 'Complete Assignment'	status is changed to "Completed" * Modeler cannot modify the ass * Manager is able to re-assign th	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.13	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure the user does not need to "Accept Assignment" before editing the item	User has what type of privileges	*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Assigned" status *right click on the selected workflow item * Choose "Edit Concept" * Make changes to a property * Save the changes * Repeate above steps, but instead of "Edit Concept", choose "Modify Assignment" and add a modeler's note	Modeler is able to both "Edit Concept" and add a modeler's note without having to explicitly accept the assignment.	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.14	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure nothing change when the user clicks 'CANCEL'		*select NCIWorkflow tab *select any workflow item (row in the workflow table) *right click on the selected workflow item *select 'cancel'	status is not changed	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.15	Automate the change in status to Accepted	NCIWorkflow tab	3	Ensure note is not added when cancel is clicked		*select NCIWorkflow tab *select a workflow item (row in the workflow table) with "Updated", "Accepted" *right click on the selected workflow item *select "Modify Assignment" *"Add a new note, click "Cancel"	Note is not added * Status is not exchanged	Y F	13682		Switches status to Accepted	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.15a	Automate the change in status to Accepted	NCIWorkflow tab	4	Ensure Manager can NOT re-assign assignment after it has been updated with a Modeler's Note		* As a Modeler, right click on an assignment with a status of "Assigned" * Click "Add Modeler's Note" * Enter valid text into the notes field * Click OK (status updates to "Updated" * View the refreshed assignment as a Manager * Attempt to re-assign the assignment to another modeler	* Manager cannot re-assign the	Y P			Same as expected	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.15b	Automate the change in status to Accepted	NCIWorkflow tab	4	Ensure Manager can NOT re-assign assignment after the associated concept has been edited		* As a Modeler, right click on an assignment with a status of "Assigned" * Click "Edit Concept" * Make any edit * Save the changes * Click on the NCI Workflow Tab * As a manager, attempt to re-assign the assignment	* Assignment now has status of "Updated" * Manager cannot re-assign the assignment	Y P			Same	4/16/2008	1.2.2.17	Steve Hunter
12795	1.2.2.15c	Automate the change in status to Accepted	NCIWorkflow tab	4	Ensure Manager can re-assign an assignment even after being viewed by the modeler		* As a modeler, right click an assignment with a status of "Assigned" * Choose "Edit Concept" * Close the NCI Workflow Tab * As a Manager, re-assign the assignment to a different user	* Manager can NOT successfully re-assign the assignment to another user * Status of the assignment is "Accepted"	Y P			Same as expected	4/21/2008	1.2.2.20	Steve Hunter
12797	1.2.2.16	Warn user when switching from workflow tab without saving	NCIWorkflow tab	3	Ensure editing work is not lost when navigating away from NCI Workflow Tab		*select NCIWorkflow tab *select a workflow item *right click on the selected workflow item *click edit concept *Make changes to concept and click on another tab without saving	Warning should give the user two options. Option 1 (OK) will continue the action of navigating away from the workflow tab. Option 2 (Cancel) will cancel the navigation and allow the user to save changed data on the workflow tab. No warning expected if changes already saved.	Y F	13635	Cannot view Men	Cannot view Merge Tab	11/14/2008	1.2.2.17	Steve Hunter
12798	1.2.2.17	Handle complex properties passed from the Wiki to Prot	NCIWorkflow tab	5	Ensure identical concepts display no differences in Workflow tab		* Create a package in SMW with a concept that is identical to the concept in Protégé * Import the package * Right click the assignment * Choose "Edit Concept" * Compare the properties in the top and bottom pane	* The proposed concept in the top pane looks EXACTLY the same as the existing concept. Every property contains identical information * None of the properties have a color indicating they are different from the existing or proposed concept.	Y F	12066	Definition still dis	Definition will always be high	11/11/2008	1.2.2.16	Steve Hunter
12798	1.2.2.17a	Handle complex properties passed from the Wiki to Prot	NCIWorkflow tab	5	Ensure can copy and paste between proposed and existing concepts		* Import a concept with a modified complex property * Right-click the assignment * Choose "Edit Concept" * Right-click→Copy the modified complex property from the top pane * Right-click→Paste in the bottom pane * Click Save	* Modified complex property is highlighted * When the paste occurs, the highlight goes away * Save is successful	Y P			Same as expected	4/21/2008	1.2.2.20	Steve Hunter
12798	1.2.2.17b	Handle complex properties passed from the Wiki to Prot	NCIWorkflow tab	5	Ensure can modify existing complex properties in the Workflow tab		* Right click an assignment * Select "Edit Concept" * In the bottom "Existing Concept" pane, right click a complex property (i.e. Definition) * Select "Edit Property" * Modify the property * Click OK * Click Save	* Concept is saved successfully	Y P			Same as expected	11/10/2008	1.2.2.16	

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pri/Req	Purpose	PreRequisite	Procedure	Expected Results	QA Server Integ test Req/pass	QA Sys test Req/Pass	QA GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	Executed By	Local Config GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	Executed By	Staging GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	Executed By
12798	1.2.2.17c	Handle complex properties passed from the Wiki to Prot	NCIWorkflow tab	5	Ensure newly proposed concepts are created successfully in Protege		* Create a new concept in SMW * Create a package that includes the newly proposed concept * Import the package into Protege * Rick-click the assignment of the proposed concept * Choose "Edit Concept" (top pane has proposed concept, bottom pane is blank) * Right-click a property in the top pane * Choose "Accept proposal" (bottom pane is populated with a copy of the proposed concept) * Right click the "Definition" property in the bottom pane * Choose "Edit Property" * Modify the definition * Click OK * Click Save * View the newly added concept in the NCI Edit tab * In the NCI Workflow Tab, right-click the assignment * Choose "Edit Concept" * Make additional changes * Save	* Accepting the proposed concept creates a copy in the bottom pane * User can edit and save the concept * Concept can be viewed in the NCI Edit Tab * Upon second edit, existing concept loads into bottom pane * Edits and saves are successful	Y	P			Same as expected	4/11/2008	1.2.2.16	Steve Hunter										
13093	1.2.2.18	metaproject out of sync with workflow store	Metaproject definitio	2	Ensure permission changes made to the meta-project take effect next time the user logs in		* Create a test user with modeler permissions * Log in as the test user * Click on the NCI Workflow tab * Modify the meta-project permissions for that user to have Workflow Manager permissions * Click off of and then back onto the NCI Workflow tab * Close Protégé * Log back in as the test user * Click on the NCI Workflow tab	* At first, user does not see the import from SMW button (has modeler permissions) * After permissions are changed, user STILL does not see permission change * After user logs out completely and logs back into Protégé, user has Workflow Manager permissions (sees the "Import from SMW" button)	Y	D																
12959	1.2.2.19	Displays proposed concept as existing concept, showing proposed concept in both top and bottom	NCIWorkflow tab	4	Ensure user does not inadvertantly edit the proposed concept or lose editing work.		* Have workflow manager give assignment to modeler * Log in as modeler * Right Click the assigned assignment * Select "Accept Assignment" * Right click the Assignment * Select "Edit Concept"	* Proposed concept is in top pane only * Bottom pane is blank	Y	P	Protege.Client-1.2.2.14					Maleh Hernandez										
12068	1.2.2.20	Different displays of attributes in top and bottom pane of workflow	Workflow Tab	4	Ensure attributes display the same in top and bottom pane of Workflow Tab		* Select an assignment in the NCI Workflow tab that has an existing c * Right click the assignment * Choose "Edit Concept" (loads the top and bottom pane of the workfl * Examine attributes in top and bottom pane	Attributes are identical	Y	P			Same as expected	4/21/2008	1.2.2.20	Steve Hunter										
10766	1.2.2.21	Strange display of PT in copy tab	Copy Tab	3	Ensure all pipes have been removed from property displays in the Copy tab		* Drag a concept into the top and bottom pane of the Copy Tab * Right click-->Modify a property from the concepts in the top and bot * Click Save * Examine properties	* All properties should display as tags, NOT with pipe separators.	Y	P			Same as expected	4/8/2008	Protege.Client-1.2.2.14	Steve Hunter										

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pro	Req	Purpose	PreRequisite	Procedure	Expected Results		QA Server											Local Configuration											Staging Server							
										Integ test Req	Integ test pass	Sys test Req	Sys test Pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By		Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By		Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pri	Req	Purpose	PreRequisite	Procedure	Expected Results	QA Server										Local Configuration										Staging Server								
										Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pric	Req	Purpose	PreRequisite	Procedure	Expected Results	Integ test Req	Integ test pass	Sys test Req	Sys test Pas	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

QA Server / Local Configuration / Staging Server

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pri	Req	Purpose	PreRequisite	Procedure	Expected Results	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

Column group headers: QA Server | Local Configuration | Staging Server

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pri	Req	Purpose	PreRequisite	Procedure	Expected Results	QA Server									Local Configuration									Staging Server								
										Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

Test case for: Protégé v1.2.2

GForge ID (Requirement)	Test ID	Short Desc of Requirement (GForge synopsis)	Test Category	Pric	Rec	Purpose	PreRequisite	Procedure	Expected Results	QA Server										Local Configuration										Staging Server									
										Integ test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Notes	Actual Result	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Inte test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By	Inte test Req	Integ test pass	Syst test Req	Syst test Pass	GForge Ref ID	Actual Results	Last Execution Date	Last Build Tested	All Steps for each test cases were Executed By

Summary of Test Results To Date

	QA Server	Local Configuration	Staging Server
Total Sytem Test Cases			
# test cases defined	28	0	0
# test cases executed	27	0	0
# test cases successful	23	0	0
# test cases deferred	1	0	0
% test cases executed	96%	#DIV/0!	#DIV/0!
% successful (of defined)	82%	#DIV/0!	#DIV/0!
% successful (of executed)	85%	#DIV/0!	#DIV/0!
% deferred (of defined)	4%	#DIV/0!	#DIV/0!
Integration Test Cases			
# test cases defined	0	0	0
# test cases executed	0	0	0
# test cases successful	0	0	0
# test cases deferred	0	0	0
% test cases executed	#DIV/0!	#DIV/0!	#DIV/0!
% successful (of defined)	#DIV/0!	#DIV/0!	#DIV/0!
% successful (of executed)	#DIV/0!	#DIV/0!	#DIV/0!
% deferred (of defined)	#DIV/0!	#DIV/0!	#DIV/0!
Primary (Priority 1) Test Case			
# primary test cases defined	0	0	
# primary test cases executed	0	0	
# primary test cases successf	0	0	
# primary test cases deferred	0	0	
% primary test cases executed	#DIV/0!	#DIV/0!	
% successful (of defined)	#DIV/0!	#DIV/0!	
% successful (of executed)	#DIV/0!	#DIV/0!	
% deferred (of defined)	#DIV/0!	#DIV/0!	
Secondary (Priority 2) Test Ca			
# secondary test cases define	2	0	
# secondary test cases execu	1	0	
# secondary test cases succe	1	0	
# secondary test cases deferr	1	0	
% secondary test cases execu	50%	#DIV/0!	
% successful (of defined)	50%	#DIV/0!	
% successful (of executed)	100%	#DIV/0!	

% deferred (of defined)	50%	#DIV/0!		
Tertiary (Priority 3) Test Case				
# tertiary test cases defined	17	0		
# tertiary test cases executed	17	0		
# tertiary test cases successfu	14	0		
# tertiary test cases deferred	0	0		
% tertiary test cases executed	100%	#DIV/0!		
% successful (of defined)	82%	#DIV/0!		
% successful (of executed)	82%	#DIV/0!		
% deferred (of defined)	0%	#DIV/0!		

Approval

The individuals listed in this section have reviewed and approved this document

Name	Team/Role	Date	Version Reviewed	Signature
Charles Griffin	Project Manager	12/7/2006	1.0	Signature on file
Ye Wu	QA Manager	12/7/2006	1.0	Signature on file